

ABSTRACT

A method of repairing a part, such as a rotating disk/drum rotor of a gas turbine engine. The method includes: heating a contact area of a wrought material and a contact area of a wrought part; and pressing the contact area of the material against the contact area of the part to bond the parts. A method of making a rotating part of a gas turbine engine, comprising: heating a contact area of a wrought material and a contact area of a wrought part; and pressing the contact area of the material against the contact area of the part to bond the parts. The methods may include a subsequent heat treatment to provide the desired strength properties to the joint between the material and the part.